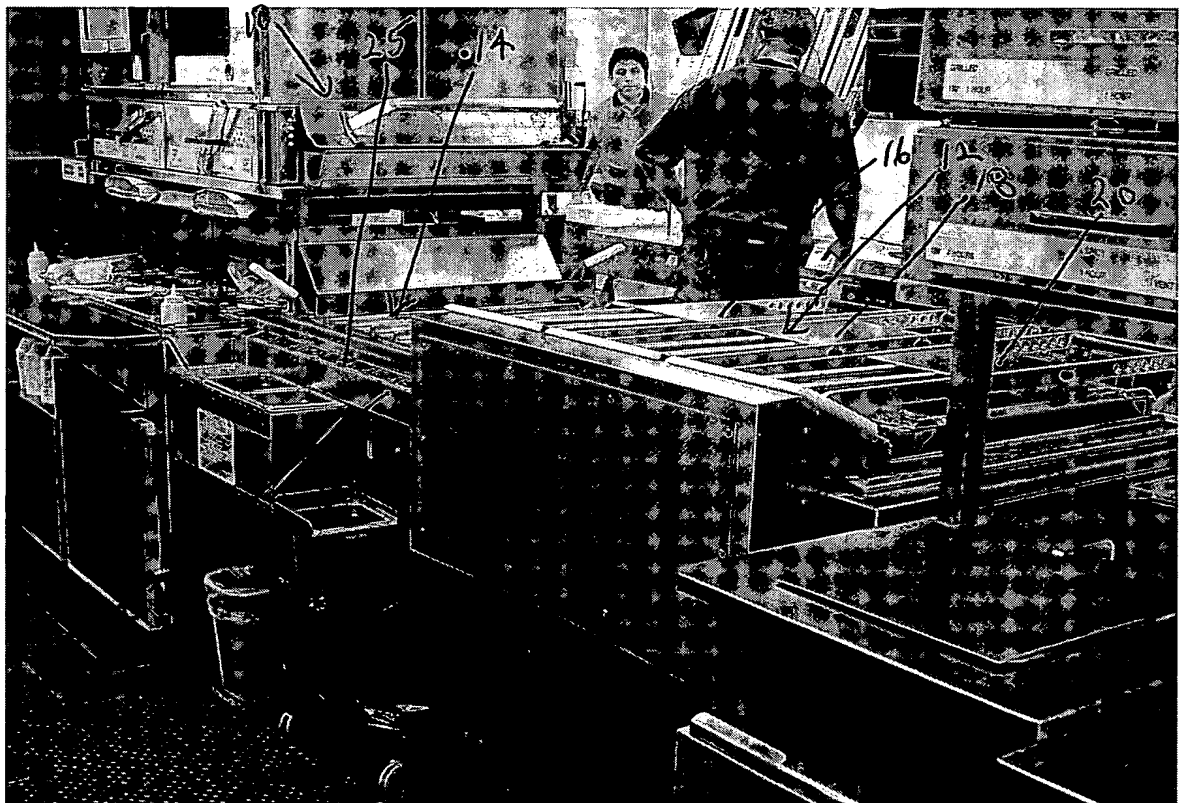
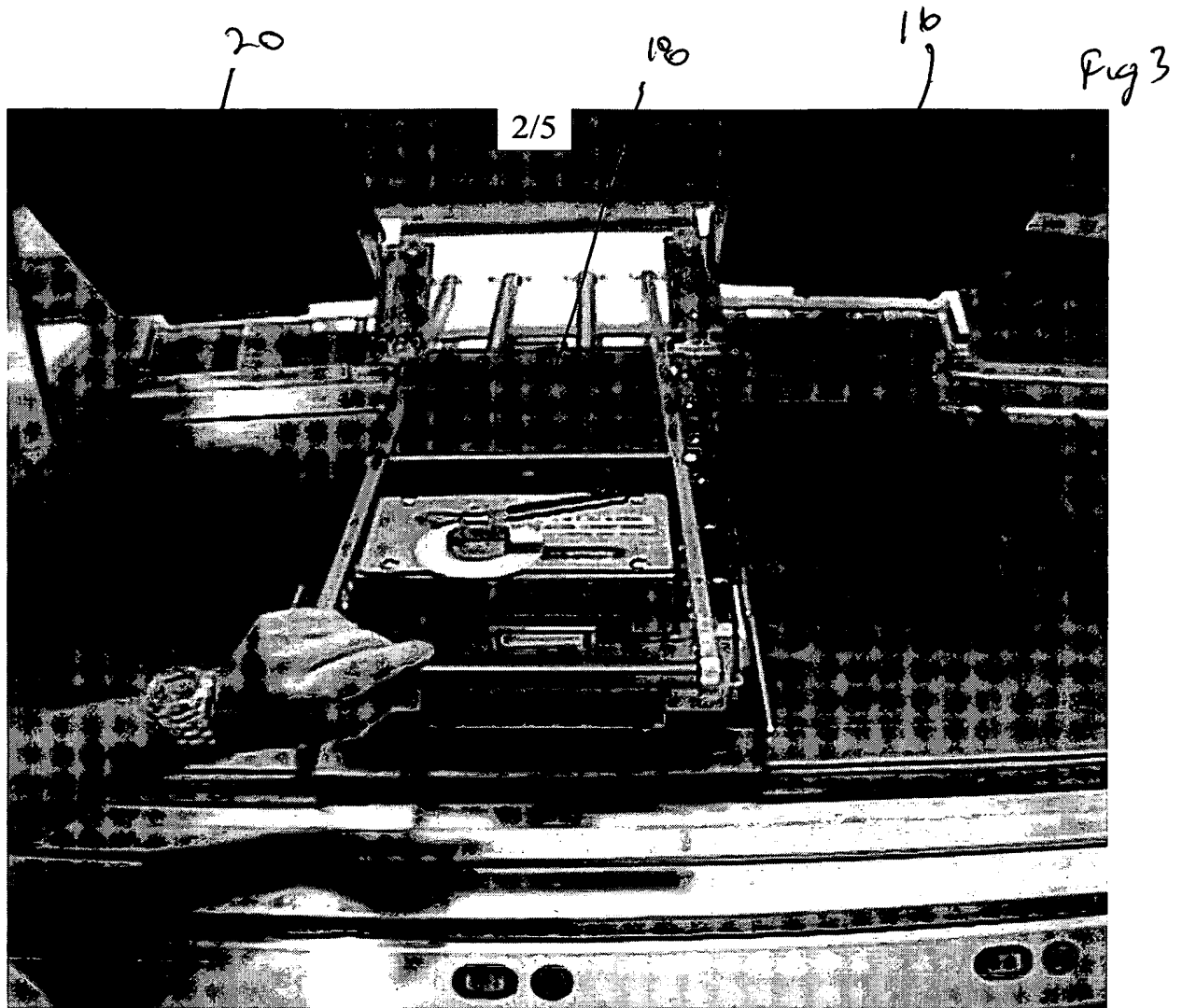


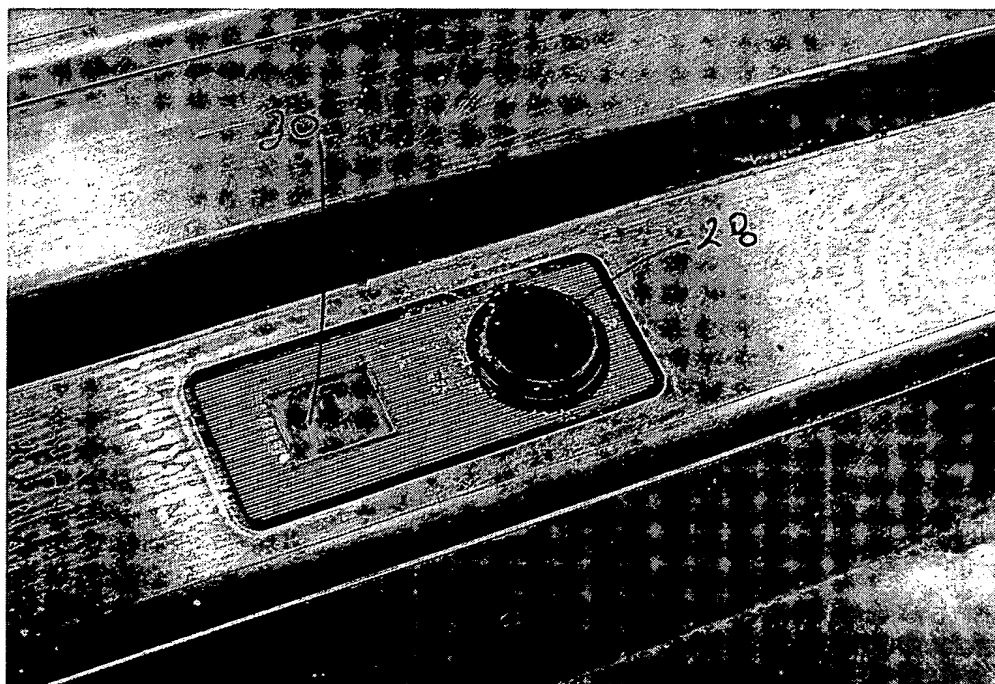
These perspectives could be a little more straight on than these angles of view.





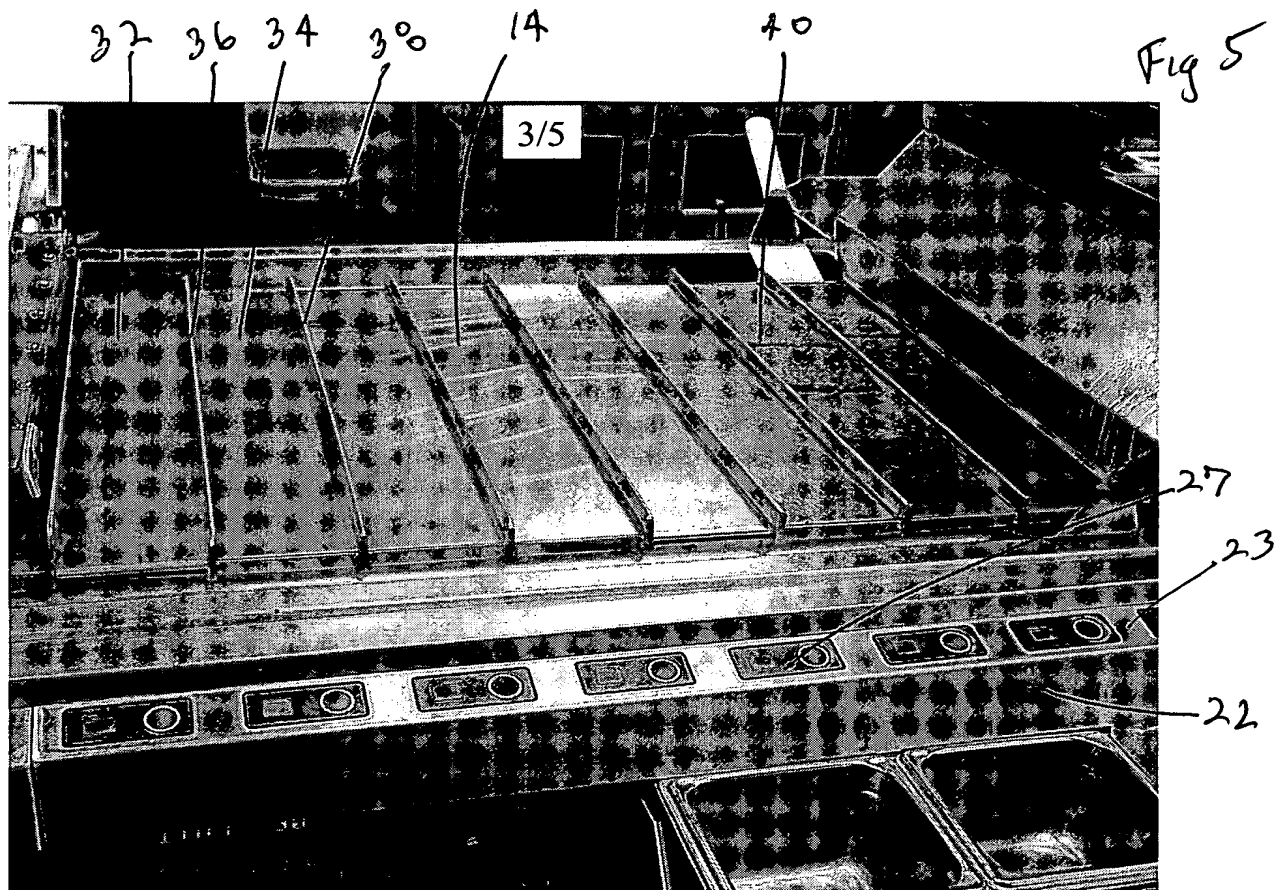
Todd, please show all three upper platens all the way to their front ends, with center one closed, no hand in drawing. Include all of the three lanes and their sidewalls in entirety. Show switches and displays as in DSC00716.jpg. Below is same pair but see change. Show top of the one upper platen as is the same 716.jpg photo.

Show
Button 28
like Fig 5
Display
reversed

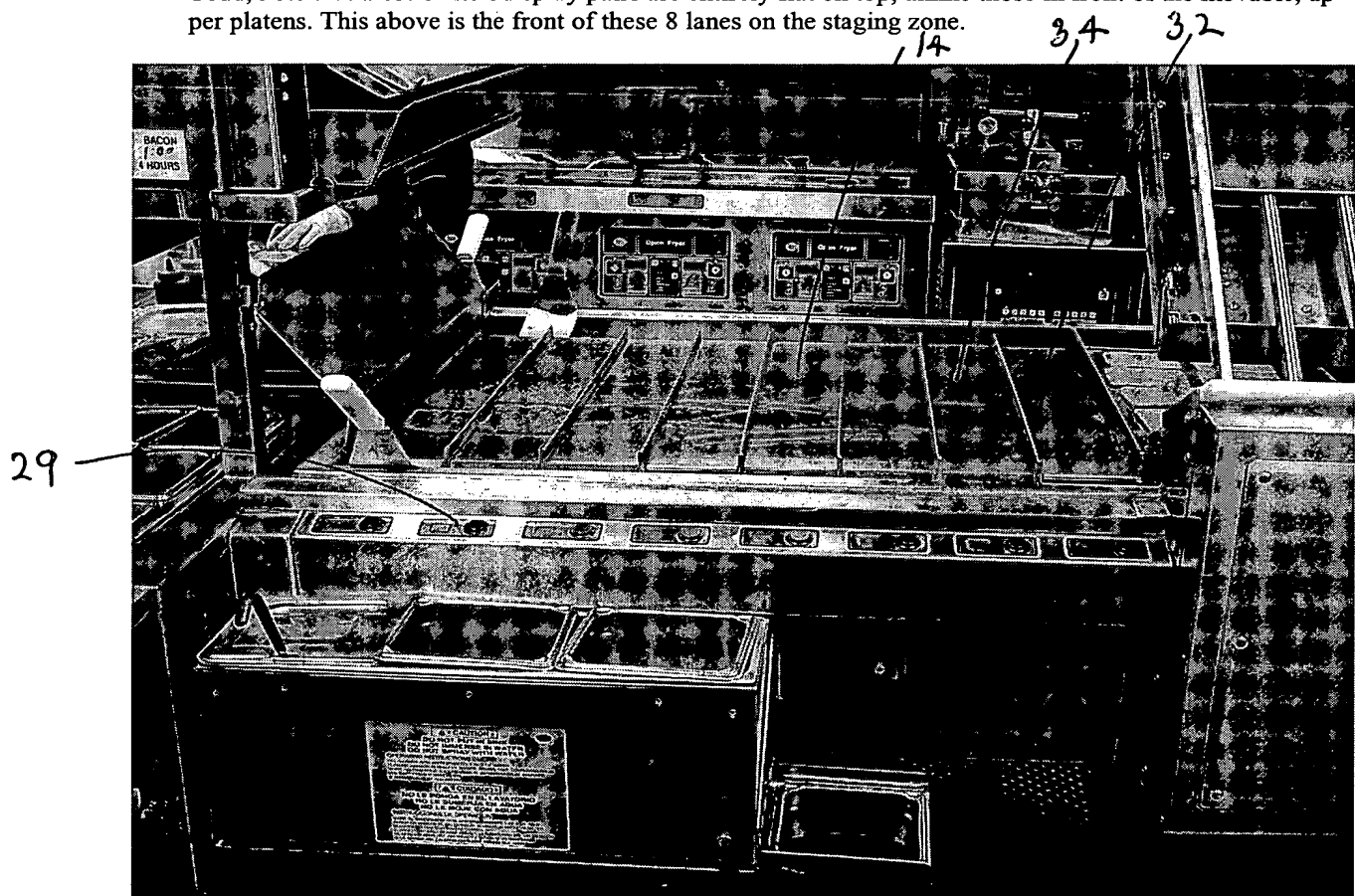


Todd, note that the display window is a little larger in the newest version photos.

Fig 4



Todd, note that these switch/display pairs are entirely flat on top, unlike those in front of the movable, upper platens. This above is the front of these 8 lanes on the staging zone.



The immediately above view is the rear view of the same thing as in the way above view. Omit the extra stuff, the three container thing in front and the salad bar looking thing to the left and the control panels behind.

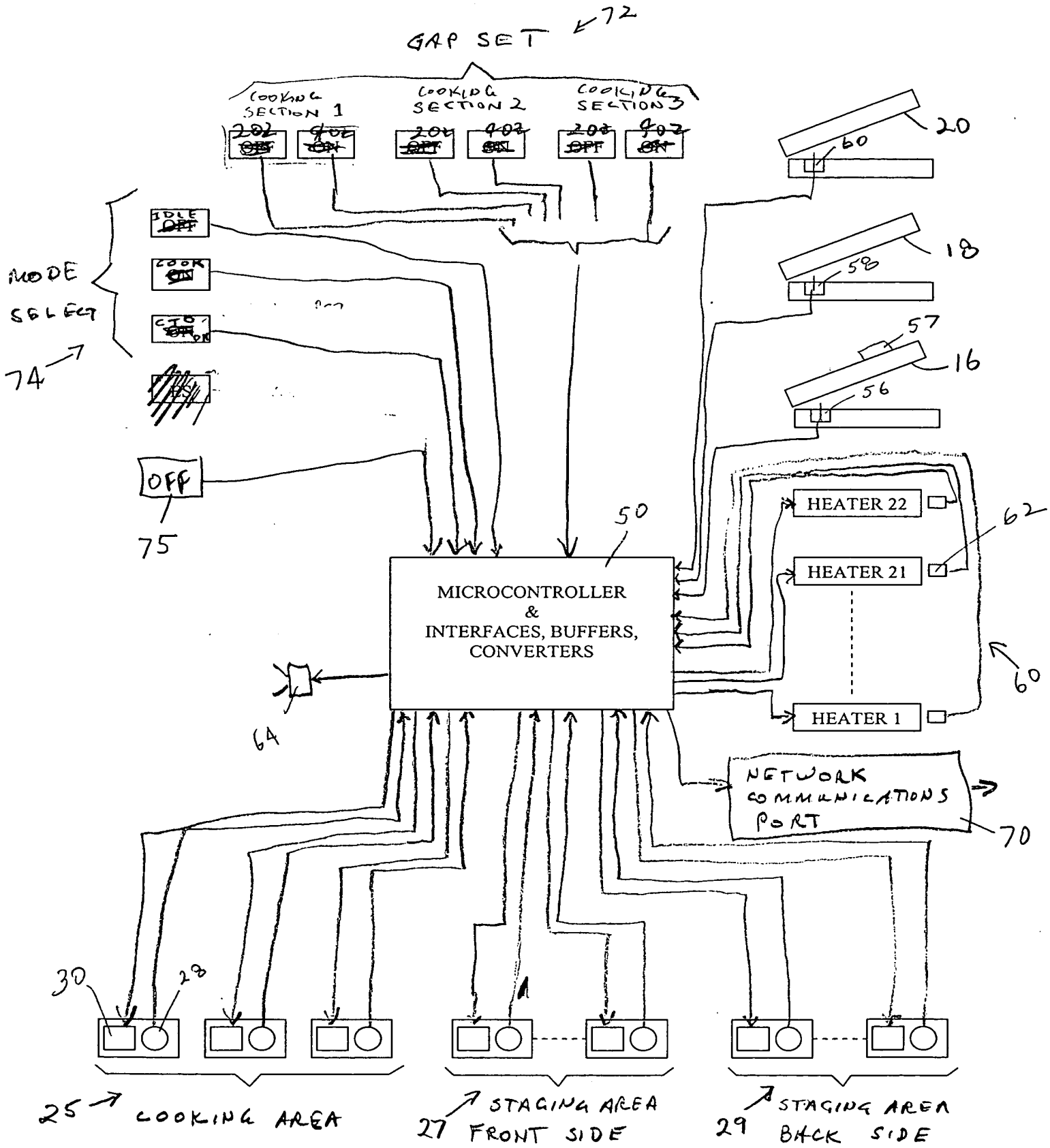


Fig. 8

The diagram illustrates a complex system architecture for a multi-stage cooking system, featuring three main control units (Main Control 1, Main Control 2, Main Control 3) and three stage nodes (Cook Node, Stage Node, and another Stage Node) connected via CAN bus.

Main Control 1:

- Timer/State (primary): data logging, state control, cook/stage timing control, comm board interface, (3) Q-Prox main input, (3) LED drive, backup power, CAN bus termination, 12 VDC current sharing, node power bus control.
- Sound Generation: Platen Input (2/4) gap select, (1/2) latch detect; Heater/Latch (11/14) SSR controls, (3/3) current sense, (14/14) thermo couple.

Main Control 2:

- Timer/State (backup): data logging, state control, cook/stage timing control, comm board interface, (3) Q-Prox main input, (3) LED drive, backup power, CAN bus termination, 12 VDC current sharing, node power bus control.
- Sound Generation: Platen Input (4/4) gap select, (2/2) latch detect; Heater/Latch (14/14) SSR controls, (3/3) current sense, (12/14) thermo couple.

Main Control 3:

- Timer/State (backup): data logging, state control, cook/stage timing control, comm board interface, (3) Q-Prox main input, (3) LED drive, backup power, CAN bus termination, 12 VDC current sharing, node power bus control.
- Sound Generation: Platen Input (4/4) gap select, (2/2) latch detect; Heater/Latch (14/14) SSR controls, (3/3) current sense, (12/14) thermo couple.

Stage Nodes:

- Cook Node (2/4 oz select):** (1) LCD, Tri Color, (1) Q-Prox, (3) mode Q-Prox input, (3) mode LED drive, sound control.
- Stage Node (front of grill):** (4) LCD, Tri Color, (4) Q-Prox, sound control.
- Stage Node (back of grill):** (4) LCD, Tri Color, (4) Q-Prox, sound control.

Power Distribution:

- AC line 1a, 2a, 3a, 1b, 2b, 3b.
- Power Regulation 1, 2, 3 (12 VDC regulation).
- Current monitors, SSR control, and current sense components.
- Heater/Latch components.

Communication:

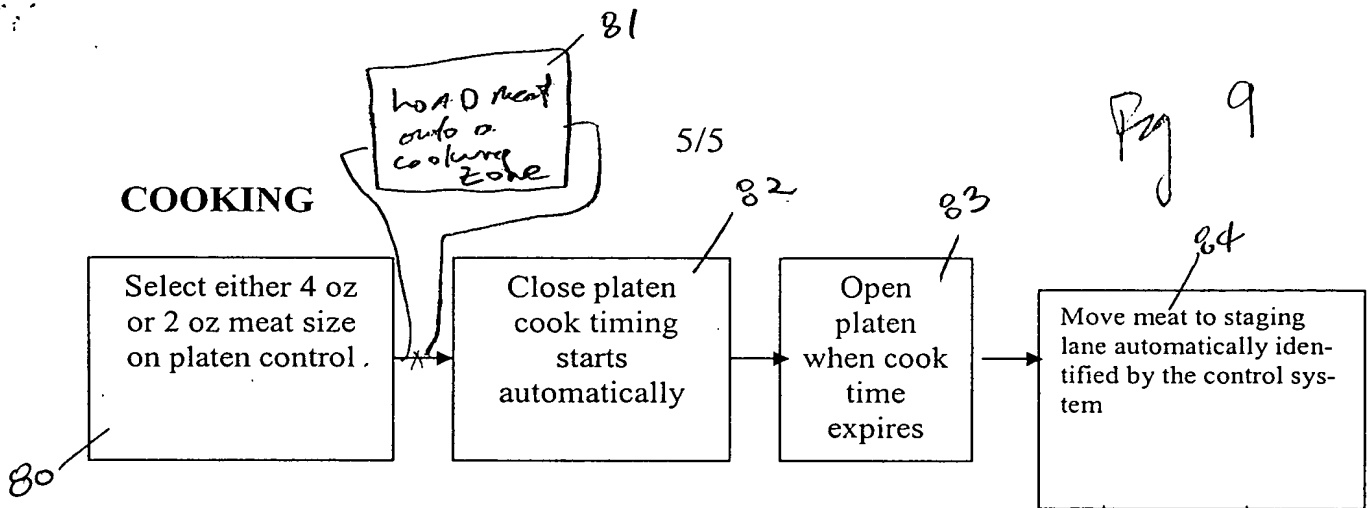
- Ethernet to 802.11b wireless bridge.
- Communication block: ethernet, TCP/IP, SNMP, NAFEM protocol.

Mode IO:

- (3) Q-Prox input, (3) LED sets for Q-Prox, power from cook nodes.

Fig 9

COOKING



STAGING

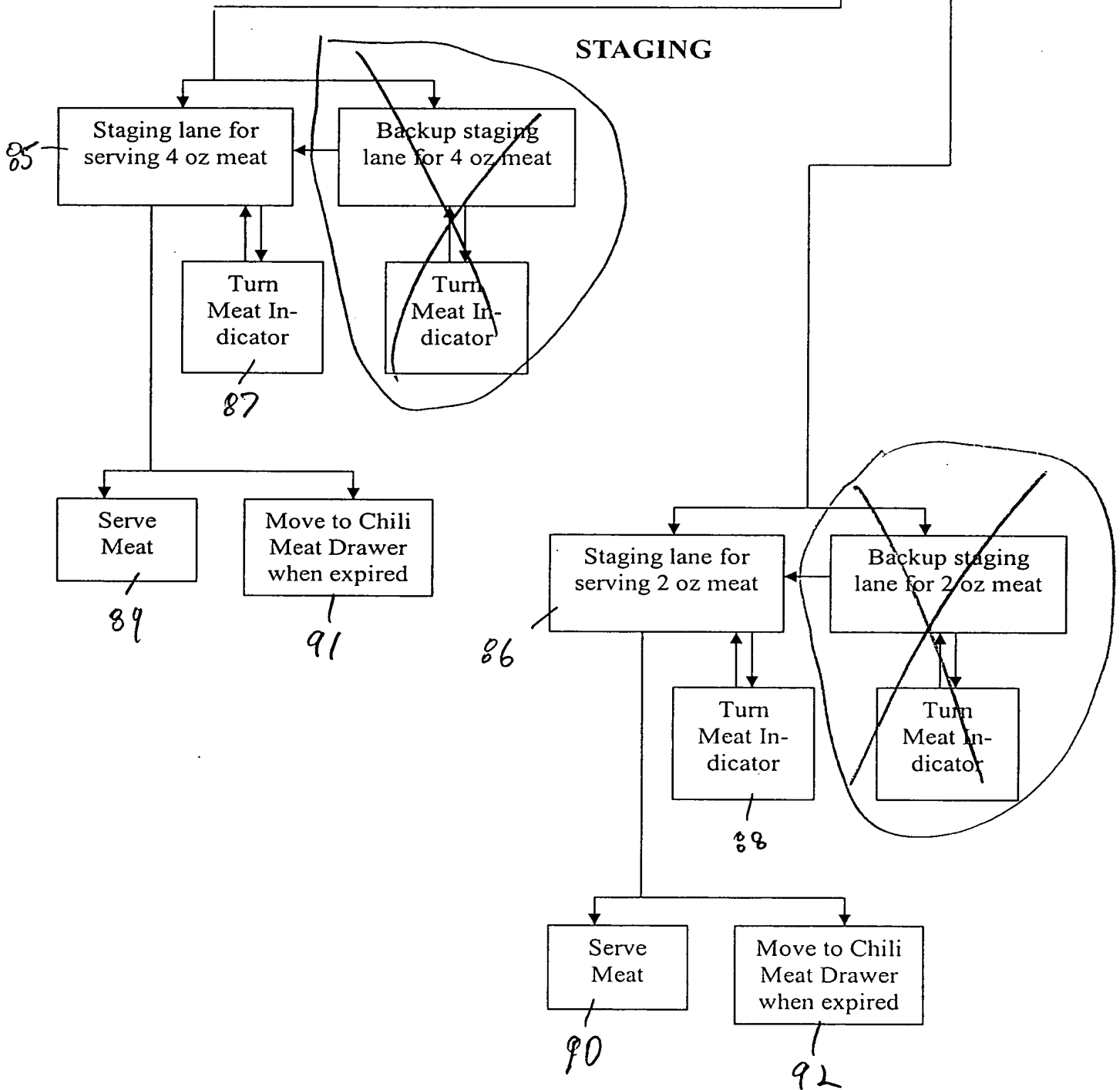


Fig 10

Cooking Platen Display Graphics - Normal Cook Cycle

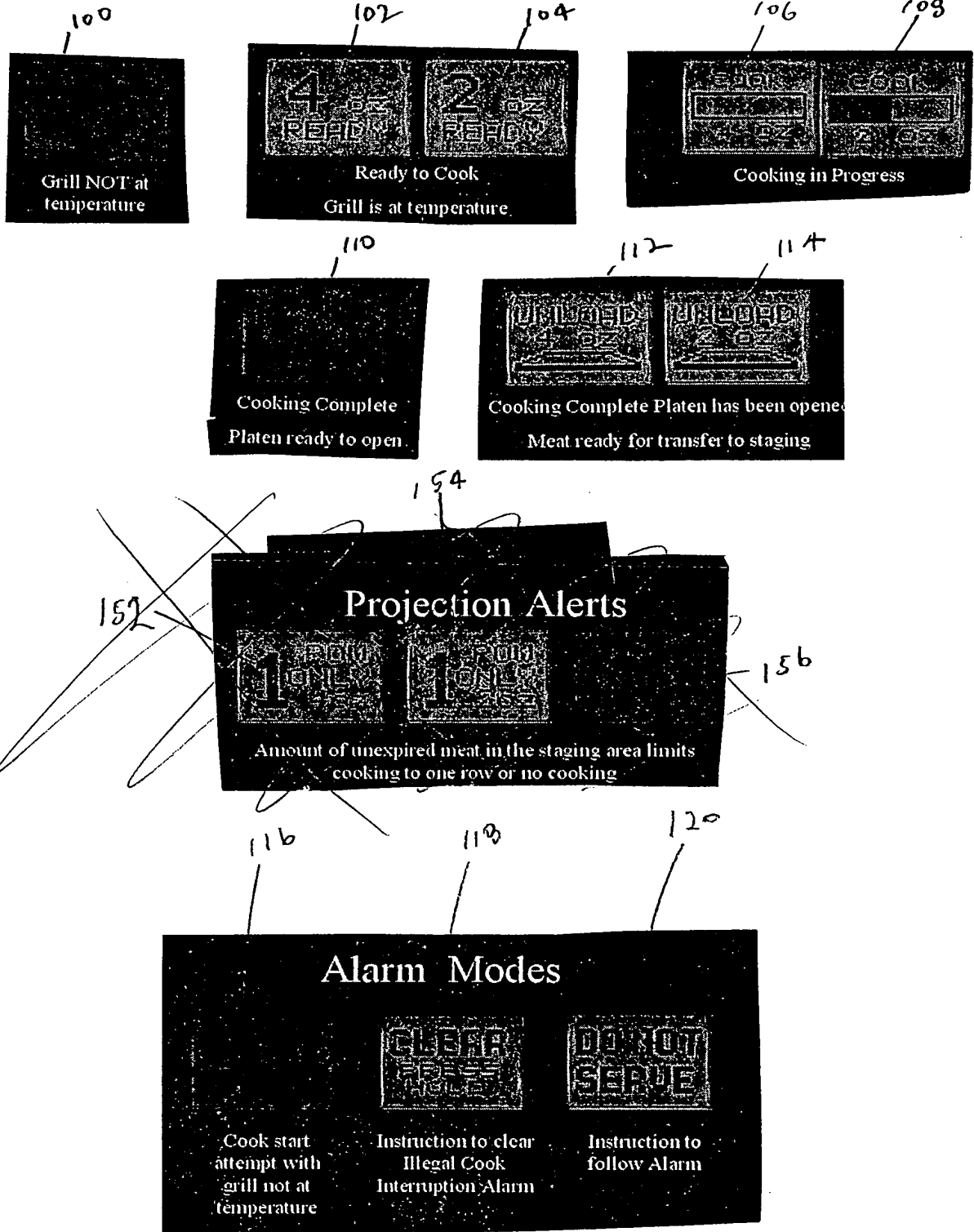
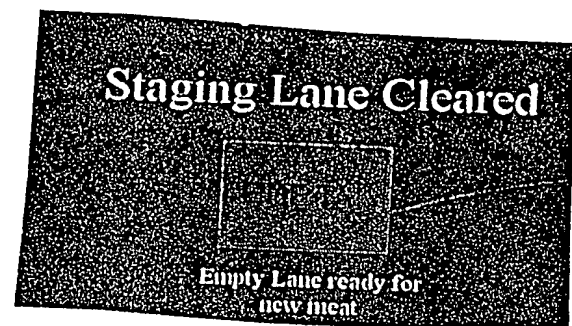
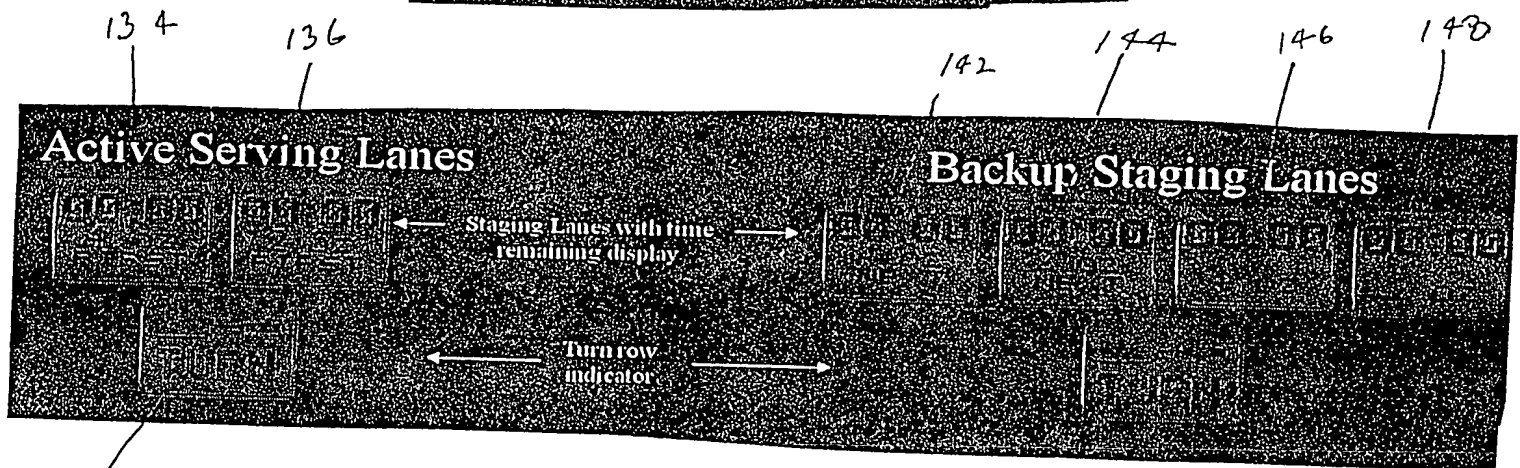
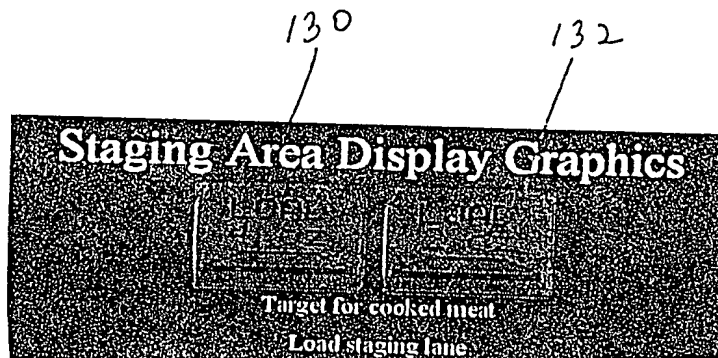


Fig 11



150

